



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

IHM LICENSES, LLC
7136 S. YALE AVENUE
SUITE 501
TULSA OK 74136

Dale E. Bickel
Senior Engineer
Audio Division
Media Bureau

Facility ID: 53965

Grant Date: March 23, 1990

Call Sign: WXKS-FM

This permit expires 3:00 a.m.
local time, September 23, 1991.

Permit File Number: BPH-19890929IZ

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of Permittee: IHM LICENSES, LLC

Station Location: MA-MEDFORD

Frequency (MHz): 107.9

Channel: 300

Class: B

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Transmitter output power: As required to achieve authorized ERP.

Antenna type: Non-Directional

Antenna Coordinates: North Latitude: 42 deg 20 min 50 sec
West Longitude: 71 deg 04 min 59 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	20.5	20.5
Height of radiation center above ground (Meters):	255	255
Height of radiation center above mean sea level (Meters):	258	258
Height of radiation center above average terrain (Meters):	235	235

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 277 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

- 1 BEFORE PROGRAM TEST AUTHORITY IS AUTHORIZED BY THE COMMISSION, THE PERMITTEE SHALL MAKE PROPER RF FIELD STRENGTH MEASUREMENTS ATOP THE ROOF OF THE PRUDENTIAL TOWER BUILDING TO DETERMINE IF THERE ARE ANY AREAS THAT EXCEED THE ANSI, EPA, AND FCC SPECIFIED GUIDELINES FOR HUMAN EXPOSURE TO RADIOFREQUENCY RADIATION. THESE MEASUREMENTS SHALL BE MADE DURING THE EQUIPMENT TEST PERIOD AND PRIOR TO THE COMMENCEMENT OF PROGRAM TEST OPERATIONS, AND THE RESULTS THEREOF SUBMITTED WITH THE FCC FORM 302 FOR LICENSE. ANY AREAS FOUND TO EXCEED THE RECOMMENDED GUIDELINES MUST BE POSTED WITH WARNING SIGNS THAT DESCRIBE THE NATURE OF THE HAZARD, AND ACCESS MUST BE RESTRICTED SO AS TO PRECLUDE CASUAL OR INADVERTENT ENTRY INTO SUCH AREAS. MEASURES SHALL BE IMPLEMENTED SO AS TO PREVENT WORKERS ON THE ROOF OR TOWER FROM ACCIDENTAL EXPOSURE.

BEFORE PROGRAM TEST COMMENCE, SUFFICIENT MEASUREMENTS SHALL BE MADE TO ESTABLISH THAT THE OPERATION AUTHORIZED IN THIS CONSTRUCTION PERMIT IS IN COMPLIANCE WITH THE SPURIOUS EMISSIONS REQUIREMENTS OF SECTIONS 73.317(b) THROUGH 73.317(d) OF THE COMMISSION'S RULES. ALL MEASUREMENTS MUST BE MADE WITH STATIONS WZLX, WBCN, AND WMJX SIMULTANEOUSLY UTILIZING THE ERI TYPE NO. 1084-6CP-SP ANTENNA. THESE MEASUREMENTS SHALL BE SUBMITTED TO THE COMMISSION ALONG WITH THE FORM 302 APPLICATION FOR LICENSE.

*** END OF AUTHORIZATION ***